



& Wo-Tan

**BRITISH
TOOLS**

**OF
Precision
AND
Quality**

**FRY'S (LONDON) LIMITED,
56, SOUTHWARK STREET,
LONDON, S.E.1.**

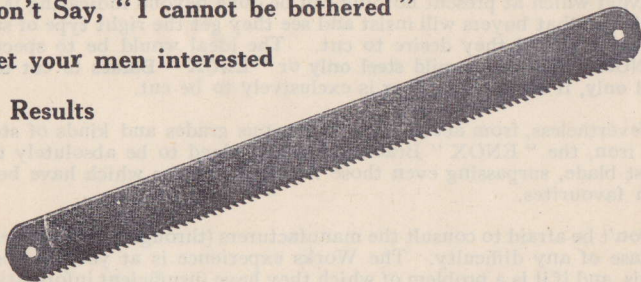
**All Discounts and Prices in this Booklet are liable to be
withdrawn without notice**

**All these tools are obtainable from most Tool Merchants
and important Ironmongers, and orders should distinctly
specify brands as stated herein**

Don't Say, "I cannot be bothered"

Get your men interested

in Results



See how they cut !

It means

ECONOMY

in Production Costs

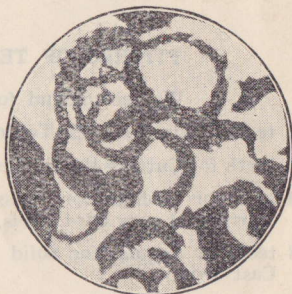


Photo of the shavings from a
9" hand Enox Blade

Read carefully the following
recommendations and
suggestions.

In the manufacture of the Enox Brand, from raw material to the finished product, the greatest possible care is exercised, and the process of hardening and tempering was evolved only after exhaustive, as well as costly research work.

The " ENOX " sales have increased remarkably, so that further plant has become repeatedly necessary. All important machines have been specially designed and made in the " ENOX " Works.

In producing a blade, distributed through the trade in such a wholesale manner, knowing that many firms or workers do not take sufficient care to specify on their orders exact details as to pitch of teeth, gauge, and width of blades to suit their work, makers have to aim at a blade with a fair cutting average, whether on cast or mild steels—a handicap,

to avoid which at present nothing can be done beyond indicating it, in the hopes that buyers will insist and see they get the right type of saw for the material they desire to cut. The ideal would be to specify " ENOX " Blades for mild steel only or " ENOX " Blades to cut cast steel only, if one or the other is exclusively to be cut.

Nevertheless, from actual tests on various grades and kinds of steel and iron, the " ENOX " Brand is acknowledged to be absolutely the finest blade, surpassing even those American Blades which have been such favourites.

Don't be afraid to consult the manufacturers (through your suppliers) in case of any difficulty. The Works experience is at your disposal gratis, and if it is a problem of which they have insufficient information to warrant advice, their research department will make the experiments free of charge.

PITCHES OF TEETH AND THEIR USES

We recommend for use in **Hand Frames** :—

- 32 teeth or **Fine** for Cycle Tubing, Sheet Metals and very thin materials.
- 28 teeth for Cutting the thicker tubings.
- 24 teeth or **Medium** for Brass, Copper (not Phosphor Bronze), Gas Barrel and very hard steels, or for an all-round workshop.
- 18 teeth or **Regular** for Solid Iron and Steel, Phosphor Bronze and Cast Iron.
- 16 teeth or **Regular** for ditto—in lengths 12 in., 14 in. and 16 in.
- 14 teeth or **Extra Coarse**—We do not recommend these as only expert mechanics can use them without stripping off the teeth. They are mostly used for sawing Steel Rails or Cast Iron, and large solid rounds.

For Machine Use :—

- 10 teeth are generally in use.
- 14 teeth recommended for constructional material.
- 6, 8 or 16 teeth for special jobs.

When ordering blades for *heavy duty* machines specify **Width** and **thickness** as well as **Pitch of Teeth** to suit your work. If in doubt, state nature of work, speed and make of machine, to ensure correct blades being supplied.

If in doubt as to the right blade for the job ask for advice and samples.

22g. and 21g. blades have 14 teeth, but 16, 18 and 22 can be had to order.

18g. blades have 10 teeth, but are also stocked with 14 teeth, for constructional work, tubing, etc. 16g. blades have 10 teeth, also 8 or 6 to order.

" ENOX " SAW BLADES



" ENOX-S.T." is the New Process Blade of the All-Hard Type, but so extremely tough as to be practically unbreakable and of high cutting capacity.

" ENOX " is the standard All-Hard Blade.

" ENOX-FLEX "—a genuine pliable saw blade. The teeth are so hardened that the blade can be coiled up without cracking.

FOR HAND FRAMES

8"	9"	10"	12 × $\frac{1}{2}$ "	12 × $\frac{9}{16}$ "
33/4	37/6	41/8	50/-	56/3 gross (E)

Lgth.	Width	Thickness	Per Gr. (E)	Lgth.	Width	Thickness	Per Gr. (E)
12"	$\frac{9}{16}$ "	.028"or22g	2 18 6	14"	$1\frac{1}{4}$ "	.048"or18g	9 18 4
14"	$\frac{9}{16}$ "	.028"or22	3 8 3	14"	$1\frac{1}{4}$ "	.064"or16	12 5 0
12"	$\frac{3}{8}$ "	.028"or22	3 5 0	16"	$1\frac{1}{4}$ "	.048"or18	11 6 8
12"	$\frac{5}{8}$ "	.032"or21	3 7 6	16"	$1\frac{1}{4}$ "	.056"or17	12 13 4
12"	$\frac{3}{4}$ "	.032"or21	4 1 0	17"	$1\frac{1}{4}$ "	.064"or16	14 17 6
14"	$\frac{3}{4}$ "	.032"or21	4 14 6	18"	$1\frac{1}{4}$ "	.064"or16	15 15 0
10"	$\frac{3}{4}$ "	.048"or18	4 5 0	20"	$1\frac{1}{4}$ "	.056"or17	15 16 8
12"	$\frac{3}{4}$ "	.048"or18	5 2 0	20"	$1\frac{1}{4}$ "	.080"or14	22 10 0
14"	$\frac{3}{4}$ "	.048"or18	5 19 0	20"	$1\frac{1}{2}$ "	.056"or17	19 0 0
12"	1"	.048"or18	6 16 0	18"	$1\frac{1}{2}$ "	.056"or17	17 2 0
12"	1"	.056"or17	7 12 0	20"	$1\frac{1}{2}$ "	.080"or14	27 0 0
13"	1"	.048"or18	7 7 4	18"	$1\frac{1}{2}$ "	.064"or16	18 18 0
14"	1"	.048"or18	7 18 8	19"	$1\frac{1}{2}$ "	.056"or17	18 1 0
14"	1"	.064"or16	9 16 0	24"	$1\frac{1}{2}$ "	.064"or16	25 4 0

FOR MACHINE

18g and Thicker made in S.T. and All-Hard Types only

By ordering the " ENOX-S.T." Machine Saws, breakages are avoided, and further economy is effected as it is usually possible to use a $\frac{1}{4}$ " narrower saw without detriment.

Following Brands are manufactured with Special Design of the Cutting Edges expressly to suit certain Materials :—

For Cutting ELECTRIC CABLE (Wire and Tape Armoured) specify " ENOX CABLE," Types W or T.

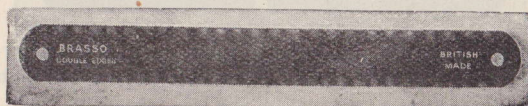
For Cutting ELECTRICAL CONDUIT, Cycle Tubing, etc., specify " ENOX T.T."

For Cutting ALUMINIUM specify " ENOX-ALUMIN."

For Cutting STAINLESS STEEL specify " ENOX HIGH SPEED "

"BRASSO" SAW BLADES, 1 wide, 24 Teeth

Made of Tungsten Alloy Steel Sheets—Double-Edged, wavy set



9"	10"	12"	14"
81/-	90/-	108/-	126/- gross (E)

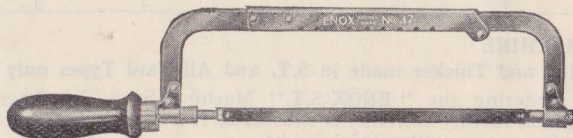
"ENOX-HIGH SPEED" SAW BLADES

of High Speed Steel containing 18% Tungsten

Lgth.	Width	Thickness or Gauge	List Pr. Per Gr. (F)	Lgth.	Width	Thickness or Gauge	List Pr. per Gr. (F)
9"	$\frac{1}{2}$ "	.024"or23	7 10 0	14"	$\frac{3}{4}$ "	.048"or18	23 16 0
10"	$\frac{1}{2}$ "	.024"or23	8 6 8	12"	1"	.048"or18	27 4 0
12"	$\frac{9}{16}$ "	.024"or23	11 5 0	14"	1"	.048"or18	31 14 8
12"	$\frac{9}{16}$ "	.028"or22	11 14 0	14"	$1\frac{1}{4}$ "	.064"or16	49 0 0
12"	$\frac{5}{8}$ "	.032"or21	13 10 0	18"	$1\frac{1}{4}$ "	.064"or16	63 0 0
12"	$\frac{3}{4}$ "	.032"or21	16 4 0	18"	$1\frac{1}{2}$ "	.064"or16	75 12 0
12"	$\frac{3}{4}$ "	.048"or18	20 8 0				

*Other standard sizes also available***"ENOX" HACK SAW FRAMES**

Complete with blade. For description of quality, see Page 5

**No. 37** Adj. 8"—12" May be faced in four directions.

Bright Nickel Plated 4/- each nett

**No. 18** Solid Bright Steel finish.
Particularly suitable for Plumbers and Gasfitters.

8"—12/- 9"—14/- 10"—16/- 12"—18/- dozen nett.

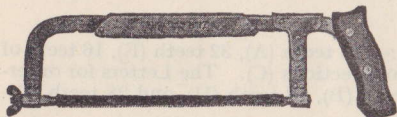
"ENOX" HACK SAW FRAMES

All "ENOX" Frames are made of hard rolled steel, thereby ensuring a workmanlike tool which will not readily bend under the strain of ordinary workshop use.

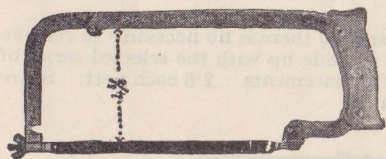
The Saw Frames are therefore likely to last years in comparison with the short life of frames made of mild Steel.



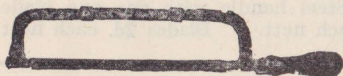
No. 7
Steel, plated,
Adjustable 8" to 12"
2/- each nett



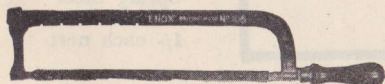
No. 17
Steel, plated,
Adjustable 8" to 12"
2/6 each nett



No. 125
Steel, plated,
Adjustable 8" to 12"
3/3 each nett



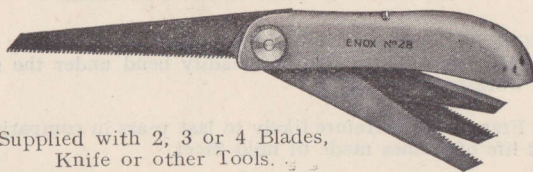
No. 100
Steel, nickel-plated
polished,
Adjustable 8" to 12"
5/9 each nett



No. 106
Steel, nickel-plated
polished,
Adjustable 8" to 12"
6/9 each nett

BRITISH MADE

"ENOX" NEW POCKET SAW No. 28



Supplied with 2, 3 or 4 Blades,
Knife or other Tools.

2/6 complete nett

British Reg. Design No. 771436/32

The series of blades may be altered to suit the work of the operator, but the standard tool is equipped with four tools:—

one each 14, 18 and 28 teeth per inch, and a short bladed knife

Each Blade is about 4" long and of sufficient stiffness to cope with all metal or fibre cutting.

Other Blades available are:— 24 teeth (A), 32 teeth (E), 16 teeth of special type to saw in to and fro directions (C). The Letters for ordering the stock patterns are 14 teeth (B), 18 teeth (H), and 28 teeth (D).

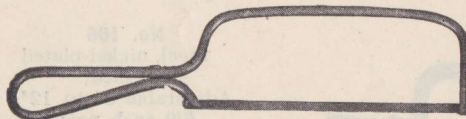
The knife is known as K/I. These letter and numerical indications appear on the blades themselves, so that both stockists and users can easily select the series desired.

N.B. There are no loose parts, so there is no necessity to remove screw or wing nut once the tool is made up with the selected series of tools, except for the insertion of replacements. 2/6 each nett. Spare or additional Blades, 2d. each nett.



This illustrates a cheaper style—Steel handle with one blade, usually the "H" above. 1/- each nett. Blades 2d. each nett.

"ENOX" MIDGET FRAME No. 16



Steel, japanned,
Spring Steel
for 6" blades.
1/- each nett

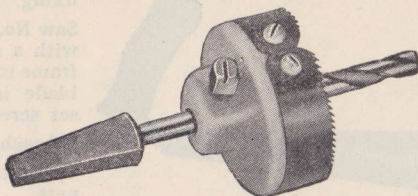
Spare Blades, 6" x 1/4"

...!

1/6 dozen nett

ENOX " RING SAW

To cut holes in tanks, sheets, conduit boxes, etc., used in a carpenter's brace



The tool is not adjustable—a separate tool is required for each diameter. Ensures a cleanly cut round hole. Stock tools are for cutting through up to $\frac{1}{8}$ " thickness. Order specially for thicker materials.

FOR ENGINEERS

Tool No.	03	2	5	7	10	14	17	24
Actual dia.	$\frac{3}{4}$ "	1"	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	2"	2 $\frac{1}{4}$ "	3"
Price each nett	3/-	3/3	3/6	3/6	3/9	4/-	5/-	7/6

FOR GAS AND WATER TRADES

Tool No.	0	3	6	9	12	15	18	24
Pipe clearing	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1"	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "	1 $\frac{3}{4}$ "	2"	2 $\frac{1}{2}$ "
Price each nett	3/-	3/3	3/6	3/9	4/-	4/3	5/-	7/6

FOR ELECTRICAL TRADES

Tool No.	06	02	3	5a	8	14a	—	—
Conduit	$\frac{5}{8}$ "	$\frac{3}{4}$ "	1"	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "	2"	—	—
Price each nett	3/-	3/-	3/3	3/6	3/6	4/3	—	—

SPARE BLADES 1 dozen are supplied at double the price of the corresponding tool complete, i.e., spare blades for No. 3—6/6 per dozen nett.

BOXED SET for Gas and Plumbing Engineers comprising Nos. 3, 6, 9 and 12 in wood case, Set No. R.S.I. 15/6 nett complete.

Similar set for Electricians, comprising Nos. 06, 02, 3 & 5A. Set No. R.S.2—12/6 each nett complete.

If used in an electric drill or power machine run at the slowest speed possible and frequently clear swarf away.

"ENOX" SHEET SAW No. 12

Registered Design No. 717096



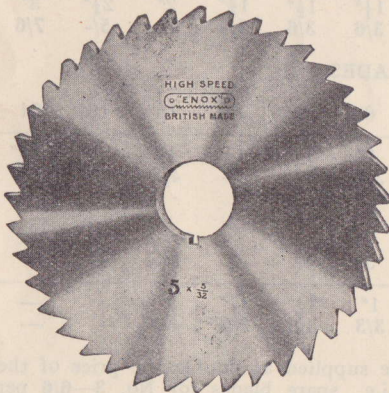
A boon to workers in Sheet Metal and other materials. The blade is slotted so no need to remove screws when fixing.

Saw No. 12 is supplied with a specially made frame to which the saw blade is attached by set screws.

2/3 each complete nett.

Spare blades 9/- doz. nett.

Note These saws can be supplied in grades suitable for cutting (A) Flat Sheet Metal, (B) Asbestos Sheeting, (C) Vulcanite, Ebonite, etc., (D) Medium Gauge Corrugated Iron, (E) Very Thin Sheet or Corrugated. Care should be taken to state which blade is required, by mentioning No. 12a, 12b, etc., etc. Where no mention is made of type required, saw for sheet metal (A) is supplied.

HIGH SPEED STEEL METAL SLITTING SAW

The "ENOX" High Speed Saws may be run at 3 or 4 times the speed and with greater feed than is possible with Carbon Steel Saws. It is essential that the Saw is held firmly in the mandril and that it runs perfectly true.

2½" dia. have 7/8" hole.

3" and larger have 1" hole.

Each (D)

Dia. of Saw	Stock Pitch	Keyway	½"	⅜"	¾"	1"	1 ⅜"	1 ½"
2 ½"	9/32"	1/8" × 3/16"	6/3	5/9	6/3	6/9	8/3	11/3
3"	5/16"	5/32" × 5/64"	7/3	6/3	6/9	7/3	8/3	13/-
4"	11/32"	5/32" × 5/64"	12/-	8/6	9/6	10/6	13/-	19/3
5"	3/8"	5/32" × 5/64"	18/-	14/-	13/6	15/-	18/6	26/6

Larger and Intermediate diameters can be had to order

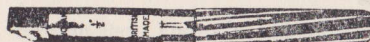
BRITISH MADE

"Wo-Tan" REAMERS

Guaranteed to B.E.S.A. Standards



Pin Reamers



Parl. and Taper Reamers

The list prices for these several types are standard list prices adopted by all British makers and to be issued middle of January for High Speed and few weeks later for Cast Steel Tools.



Morse Taper Socket Reamers

Adjustable with High Speed Blades



Sets in Wood or Sheet Steel Boxes also stocked

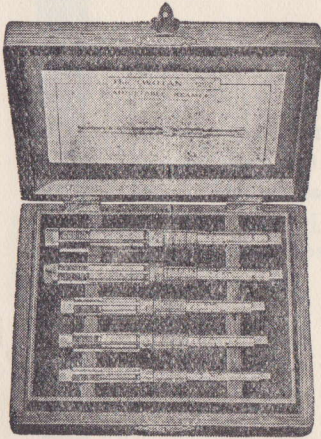
Tool No.	5-Bladed		Tool No.	6-Bladed	
	Ins.	Each (D)		Ins.	Each (D)
ZA	13 1/2	18/6	A6	15 1/2	18/6
A	15 1/2	18/6	S.B.	17 1/2	18/6
AA	17 1/2	18/6	S.C.	19 1/2	19/9
B	19 1/2	18/6	6 D	21 1/2	19/9
C	21 1/2	19/9	6 S.E.	23 1/2	21/6
D	23 1/2	19/9	6 S.F.	25 1/2	23/6
E	25 1/2	21/6	6 S.G.	27 1/2	25/-
F	27 1/2	23/-	6 H	29 1/2	25/-
G	29 1/2	23/6	6 I	31 1/2	28/6
H	31 1/2	25/-	6 L	33 1/2	37/6

Larger diameters on application

BRITISH MADE

"Wo-Tan" REAMERS

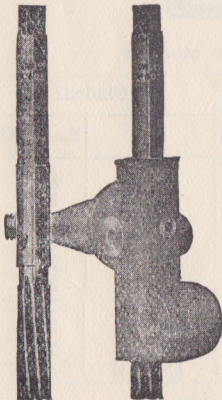
A wide selection of Boxed Sets,
available in strong, well finished
wooden boxes



Z.5 Adjustable Set
 $\frac{1}{32}'' - \frac{1}{2}''$... 101/6 (D)



T.P. 18 Parl. and Taper Set
 $\frac{1}{8}'' - \frac{5}{8}'' \times \frac{1}{16}$... 114/- (H)



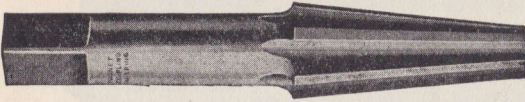
BUSHING REPAIR REAMERS

for all standard makes of
British Cars, also Chevrolet
and Bedford Vehicles.

Please send full details when
requisitioning

MAGNETO REAMERS

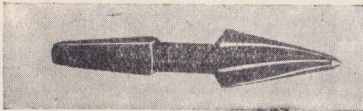
Wo-Tan Brand to give correct Standard Bore



3/9
each nett

BURRING REAMERS, Type A

with Bitstock Shank



Pipe	
$\frac{1}{8}$ " — $\frac{1}{2}$ "	4/9 each nett
$\frac{1}{8}$ " — 1"	6/- " "
$\frac{1}{4}$ " — $1\frac{1}{4}$ "	6/9 " "
$\frac{1}{4}$ " — 2"	13/9 " "

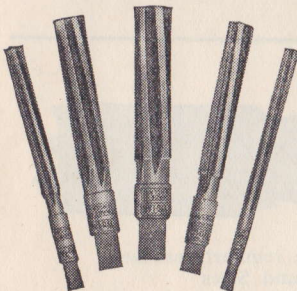
CENTRE REAMERS



60° and 90° $1\frac{7}{16}$ " long overall

	$\frac{3}{16} \times \frac{1}{4}$	$\frac{1}{4} \times \frac{3}{8}$	$\frac{3}{8} \times \frac{1}{2}$	$\frac{1}{2} \times \frac{5}{8}$	$\frac{1}{2} \times \frac{3}{4}$ ins.	
Carbon Steel	1/9	2/-	2/3	3/9	5/-	each nett
High Speed "	3/3	3/9	4/6	7/-	10/6	" "

SHORT SERIES HAND REAMERS (Parallel)



Many a job can be done more expeditiously by use of a shorter reamer. This set is recommended for Modelmakers, Tool Room work, etc. Each tool in set is uniform in length, viz. $1\frac{1}{2}$ ".

Dia.	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "
Each Nett	2/10	2/10	3/3	3/6	3/9

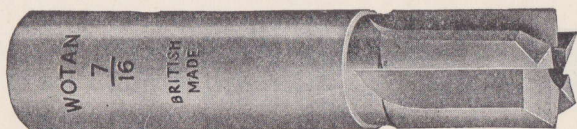
Set of 5 tools

16/- nett

BRITISH MADE

"Wo-Tan" END MILLS

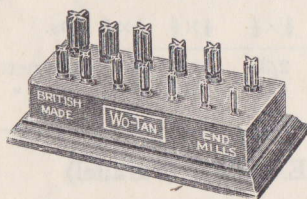
SHORT SERIES



Size	...	$\frac{1}{8}$ "	$\frac{5}{32}$ "	$\frac{3}{16}$ "	$\frac{7}{32}$ "	$\frac{1}{4}$ "	$\frac{9}{32}$ "		
Silver Steel		13/6	13/6	14/6	16/9	18/9	22/-	dozen	nett
H.S. Steel		24/-	—	27/-	—	30/-	—	"	"

Size	...	$\frac{5}{16}$ "	$\frac{11}{32}$ "	$\frac{3}{8}$ "	$\frac{13}{32}$ "	$\frac{7}{16}$ "	$\frac{15}{32}$ "	$\frac{1}{2}$ "		
Silver Steel		22/-	25/6	25/6	28/9	28/9	32/-	36/3	dozen	nett
H.S. Steel		36/-	—	45/-	—	48/-	—	54/-	"	"

"Wo-Tan" END MILLS IN STANDS



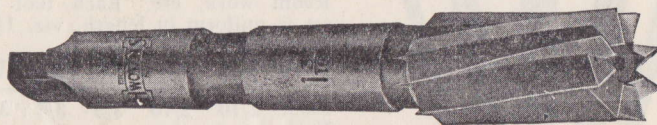
Set No. 13

Set No. 7 1 each, $\frac{1}{8}$ "- $\frac{1}{2}$ " \times 16ths" Short Series in Stand (7 Tools).

Silver Steel 14/9 complete nett
H.S. Steel 23/6 " "

Set No. 13 1 each, $\frac{1}{8}$ "- $\frac{1}{2}$ " \times 32nds" Short Series in Stand (13 Tools).

Silver Steel 26/6 complete nett



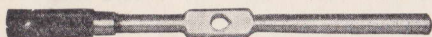
High Speed Morse Taper Shank regularly stocked
Standard List Prices and Sizes

“ENOX” TAP WRENCHES



No. 174 0"- $\frac{1}{4}$ " 1/3 each nett

No. 176 $\frac{1}{8}$ "- $\frac{1}{2}$ " 1/9 " "



No. 91B for $\frac{3}{16}$ "- $\frac{3}{8}$ "
9" long ... 5/3 each nett

GAS TAPS (Brass and Iron)

	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1"	
Brass ...	9/6	11/9	18/9	29/3	37/9	48/-	55/-	dozen nett
Iron ...	18/9	23/-	31/6	37/9	51/-	63/-	69/-	" "

TAPS of Guaranteed Precision and Quality

WHITWORTH
B.S.F., and CYCLE

MACHINE RELIEVED
B.A. TAPS



Dia. of Tap Inches	Doz. Nett
$\frac{1}{16}$	12/3
$\frac{1}{8}$	7/3
$\frac{3}{16}$	5/9
$\frac{1}{4}$	6/-
$\frac{5}{16}$	6/-
$\frac{3}{8}$	6/9
$\frac{7}{16}$	7/-
$\frac{1}{2}$	10/3
$\frac{5}{8}$	12/9
$\frac{3}{4}$	14/9
$\frac{7}{8}$	16/6

No.	Doz. Nett
0	7/9
1	
2	
3	
4	
5	
6	
7	8/3
8	
9	9/3
10	10/3

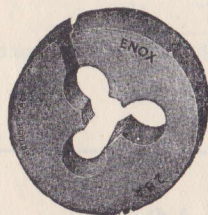
"ENOX" CIRCULAR DIESTOCKS

With 3 Screws

Bright Finish



Dia. ...	$\frac{13}{16}$	1	$1\frac{1}{4}$ & $1\frac{5}{16}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$ ins.
	1/9	3/6 $\frac{1}{4}$	6/6	7/9	9/6	14/-	16/6 each nett

"ENOX" CIRCULAR DIES

Made from very best Sheffield Steel.

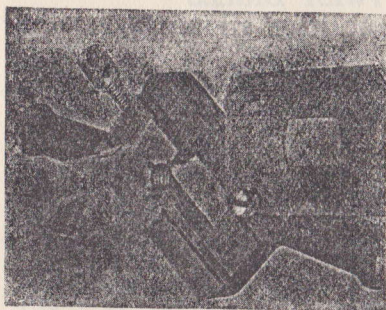
The maximum cutting diameter should not exceed half the outside diameter, as this ensures a strong die.

B.A. to No. 7, Whit and B.S.F.

Dia. ...	$\frac{13}{16}$	1	$1\frac{1}{4}$ & $1\frac{5}{16}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$ ins.
C.E.I.	$\frac{1}{1}$ 1/8	$\frac{1}{11}$ 3/2	$\frac{3}{2}$ 6/6	$\frac{4}{9}$ 7/4	$\frac{7}{6}$ —	$\frac{9}{-}$ —	$\frac{9}{6}$ each nett " "

HEXAGON DIE NUTS

	$\frac{1}{8}$ " to $\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$ ins.
Whit. and B.S.F.	2/1	2/9	2/10	3/3	3/9	5/- each nett
	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$ ins.
Whit. and B.S.F.	4/9	5/4	5/9	7/6	7/10	11/- " "



"APEX" STOCKS AND DIES

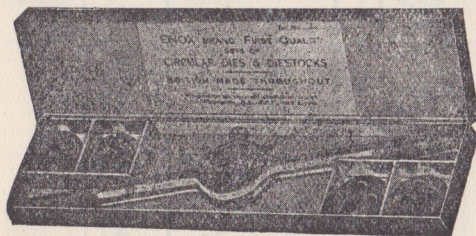
INTERCHANGEABLE DIES

All Dies are made to a gauge, so that replacements can be guaranteed to fit. Always state the Set No. or size of Stock.

Size	...	No. 1	No. 2	No. 3	No. 4	
Stocks only	...	9/-	12/3	20/-	24/-	each nett
Dies only	...	4/6 $\frac{1}{2}$	5/9	6/6	8/6	pair "
Tap Wrench Jaws	...	1/10	3/9	4/6	5/6	" "

Set No.	Whit.	...	Dies and Diestock	...	set nett
11	1", 3/16", 1/4"	...	...	22/6	set nett
12	1/8", 3/16", 1/4"	...	...	31/6	" "
21	3/16" x 1/16" to 1/2"	...	...	44/6	" "
31	3/8", 7/16", 1/2", 3/4", 5/8", 3/4"	...	...	58/6	" "
32	3/8", 1/2", 5/8", 3/4", 7/8", 1"	...	...	45/-	" "
41	1/2", 5/8", 3/4", 7/8", 1"	...	...	64/-	" "

Other Sets, also other Threads (B.S.F., Cycle, etc, etc.) to order



CIRCULAR STOCKS AND DIES IN TIN BOXES

The following Sets are regular Stock Lines :—

1" Diameter

Set A	Whit.	1/8", 3/16" and 1/4"	Dies ...	...	9/6	set nett
" D	"	3/8", 7/16" and 1/2"	Dies ...	...	9/6	" "
" E	"	1/2", 5/8", 3/4" and 1/4"	Dies ...	...	13/3	" "
" G	Whit.	1/8", 3/16", 1/4", 1/2" and 3/8"	Dies ...	...	13/3	" "
" K	Whit.	3/16", 1/4", 5/8", 3/4" and 1/2"	Dies ...	...	13/3	" "
" L	Whit.	1/4", 5/16", 3/8", 7/16" and 1/2"	Dies ...	...	13/3	" "

BRITISH MADE

“ENOX” TWIST DRILLS of First Quality CARBON STEEL



JOBBER SERIES

BIT STOCK

Jobbers Dia.	doz. (J)	Jobbers Dia.	doz. (J)	Dia.	doz. (F)	Dia.	doz. (F)
Ins.		Ins.		Ins.		Ins.	
1/16	6/8	3/32	15/10	1/16	10/5	3/32	25/-
5/64	6/11	1/16	16/8	5/64	10/10	1/16	27/1
7/32	7/1	5/64	18/2	7/32	11/3	5/64	29/2
7/64	7/4	1/8	19/7	7/64	11/10	1/8	31/3
1/8	7/6	1/32	21/1	1/8	12/6	1/32	33/4
9/64	7/9	3/32	22/11	9/64	13/7	3/32	35/5
5/32	7/11	1/4	25/-	5/32	14/7	1/4	38/6
11/64	8/4	5/32	27/1	11/64	15/8	5/32	43/9
13/64	9/5	3/16	29/2	13/64	16/8	3/16	49/-
15/64	10/5	7/64	32/4	15/64	17/9	7/64	54/2
17/64	11/6	1/16	35/5	17/64	18/9	1/16	
1/4	12/6	1/8	38/7	1/4	19/9	1/8	
1/2	13/7	3/16	41/8	1/2	20/10	3/16	
	14/7	1/4	45/10		22/11	1/4	
		1/2	50/-			1/2	

Blacksmith's 1/2" Parl. Shank

Ratchet or Taper Square Shank

Dia.	Each (G)	Dia.	Each (G)	Dia.	Each (G)	Dia.	Each (G)
Ins.		Ins.		Ins.		Ins.	
3/16	2/3	5/8	5/6	5/32	4/-	13/32	5/3
1/4	2/6	11/16	6/3	3/16	4/2	7/16	
5/16	3/-	3/4	7/3	7/32		15/32	5/5
3/8	3/6	13/16	8/-	9/32	4/5	1/2	
7/16	3/9	7/8	8/9	5/16	4/7	11/16	5/8
1/2	4/3	15/16	9/9	11/32	4/10	3/4	
9/16	4/9	1	10/6	3/8	5/-	9/16	

LONG SERIES TAPER OR STRAIGHT SHANK

Dia.	Each (G)	Dia.	Each (G)	Dia.	Each (G)	Dia.	Each (G)
Ins.		Ins.		Ins.		Ins.	
1/4	2/9	1/2	5/-	3/4	8/4	1	14/9
5/16	2/11	9/16	6/-	13/16	9/2	1 1/16	16/8
3/8	3/6	5/8	6/8	7/8	11/-	1 1/8	18/9
7/16	4/3	11/16	7/6	15/16	12/6	1 3/16	21/-

**"ENOX" First Quality 18% Tungsten
HIGH SPEED STEEL TWIST DRILLS**



JOBBER SERIES

Dia. Ins.	O'all Lgth Ins.	Each (J)	Dia. Ins.	O'all Lgth. Ins.	Each (J)	Dia. Ins.	O'all Lgth. Ins.	Each (J)
$\frac{1}{16}$	2	1/2	$\frac{7}{32}$	$3\frac{3}{4}$	2/-	$\frac{3}{8}$	5	4/3
$\frac{5}{64}$	$2\frac{1}{4}$	1/3	$\frac{15}{64}$	4	2/3	$2\frac{5}{16}$	$5\frac{1}{4}$	4/6
$\frac{3}{32}$	$2\frac{1}{2}$	1/4	$\frac{1}{4}$	4	2/5	$2\frac{1}{2}$	$5\frac{1}{2}$	4/9
$\frac{7}{64}$	$2\frac{3}{4}$	1/4	$\frac{1}{2}$	$4\frac{1}{4}$	2/7	$2\frac{7}{16}$	$5\frac{3}{8}$	5/-
$\frac{1}{8}$	$2\frac{3}{4}$	1/5	$\frac{9}{32}$	$4\frac{1}{4}$	2/9	$2\frac{7}{16}$	$5\frac{1}{2}$	5/-
$\frac{9}{64}$	3	1/6	$\frac{19}{64}$	$4\frac{1}{4}$	3/-	$2\frac{9}{16}$	$5\frac{3}{4}$	5/3
$\frac{5}{32}$	$3\frac{1}{4}$	1/7	$\frac{5}{16}$	$4\frac{1}{2}$	3/3	$2\frac{11}{16}$	$5\frac{3}{4}$	5/6
$\frac{1}{16}$	$3\frac{1}{2}$	1/8	$\frac{3}{8}$	$4\frac{3}{4}$	3/6	$2\frac{1}{2}$	6	5/9
$\frac{3}{16}$	$3\frac{1}{2}$	1/9	$\frac{11}{32}$	$4\frac{3}{4}$	3/9	$2\frac{1}{2}$	6	6/-
$\frac{1}{2}$	$3\frac{3}{4}$	1/11	$\frac{1}{2}$	5	4/-			

STRAIGHT or MORSE TAPER SHANKS

Dia. Ins.	Each (J)	Dia. Ins.	Each (J)	Dia. Ins.	Each (J)	Dia. Ins.	Each (J)	Dia. Ins.	Each (J)	Dia. Ins.	Each (J)
$\frac{1}{4}$	6/-	$\frac{1}{2}$	8/6	$\frac{3}{4}$	16/-	1	26/6	$1\frac{1}{4}$	44/-	$1\frac{1}{2}$	76/-
$\frac{5}{16}$	6/3	$\frac{9}{16}$	12/-	$\frac{13}{16}$	18/-	$1\frac{1}{16}$	31/-	$1\frac{5}{16}$	55/-		
$\frac{3}{8}$	6/6	$\frac{5}{8}$	13/-	$\frac{7}{8}$	20/6	$1\frac{1}{8}$	35/-	$1\frac{3}{8}$	62/-		
$\frac{7}{16}$	7/6	$\frac{11}{16}$	14/-	$\frac{15}{16}$	23/6	$1\frac{3}{16}$	39/-	$1\frac{7}{16}$	68/-		

Other types quoted for on application

CARBON STEEL TWIST DRILLS FOR HAND DRILLS

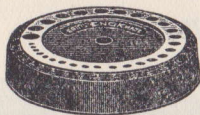
EXTRA SHORT DRILLS $1\frac{1}{2}$ " long. This short length minimises the constant breakage of standard length drills.

Sets of 7 tools, $\frac{1}{16}$ ", $\frac{3}{32}$ ", $\frac{7}{64}$ ", $\frac{1}{8}$ ", $\frac{5}{32}$ ", $\frac{11}{64}$ " and $\frac{3}{16}$ " ... 18/- doz. sets nett
(Each Set enclosed in envelope)

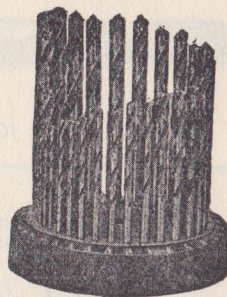
BRITISH MADE

"ENOX" DRILL STANDS

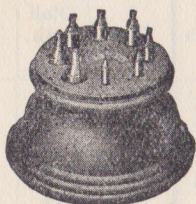
Diecast, Green Cellulosed Finish



FL64 or FL60 Drill Stand
2/6 each nett
Central handle for both types
4d. each nett



To suit Stands F.L.64 & 60
Sets of Carbon Drills (J)



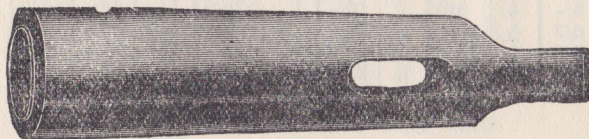
Turned Wood Stand. Enamelled
Green

FL8 Centre Drill Stand
Complete with one set A-H
7/6 each complete nett

Can also be supplied with 1 each
T. and P. Taps, $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ " and $\frac{1}{2}$ "
7/6 each complete nett

$\frac{1}{16}$ " to $\frac{1}{2}$ " \times 64ths"	47/7	set
$\frac{1}{16}$ " to $\frac{1}{2}$ " \times 32nds"	25/-	"
$\frac{1}{16}$ " to $\frac{1}{2}$ " \times 16ths"	13/10	"
Nos. 1-60 ...	40/5	"

DRILL SLEEVES AND SOCKETS



Ground to size. Accuracy guaranteed

Sleeves ...	1-2	2-3	3-4	4-5	1-3	1-4	2-4	
	1/6	2/-	3/-	6/6	2/-	3/-	3/-	each nett
Socket Morse ...	...	...	No.	1	2	3	4	
				3/4	5/-	7/3	12/6	" "

N.B. Shanks of Sockets are left rough, but Plug supplied

“APEX” SPANNERS

Special Sets in Stout Cardboard Boxes



No. 1 for Whitworth, Black finish, polished heads, 30° angle, our No. 10 type comprising, $\frac{1}{8}'' \times \frac{3}{16}''$, $\frac{1}{4}'' \times \frac{5}{16}''$, $\frac{3}{8}'' \times \frac{7}{16}''$, $\frac{1}{2}'' \times \frac{9}{16}''$... 3/4 each (C)

No. 2 for Whitworth, Gunmetal handles, polished heads, 15° angle, our No. 20 type, comprising $\frac{1}{8}'' \times \frac{3}{16}''$, $\frac{1}{4}'' \times \frac{5}{16}''$, $\frac{3}{8}'' \times \frac{7}{16}''$, $\frac{1}{2}'' \times \frac{9}{16}''$... 5/- ” (C)

No. 3 for Whitworth, Gunmetal handles, thin jaws, polished heads, 15° angle, our No. 90 type, comprising $\frac{1}{8}'' \times \frac{3}{16}''$, $\frac{1}{4}'' \times \frac{5}{16}''$, $\frac{3}{8}'' \times \frac{7}{16}''$, $\frac{1}{2}'' \times \frac{9}{16}''$... 6/- ” (C)

The Spanners in the above sets will also cover the following B.S.F. sizes, $\frac{3}{16}'' \times \frac{1}{4}''$, $\frac{5}{16}'' \times \frac{3}{8}''$, $\frac{7}{16}'' \times \frac{1}{2}''$, $\frac{9}{16}'' \times \frac{5}{8}''$

No. 4 for S.A.E. Black finish, polished heads, 30° angle, our No. 10 type comprising $\frac{1}{8}'' \times \frac{3}{16}''$, $\frac{1}{4}'' \times \frac{5}{16}''$, $\frac{3}{8}'' \times \frac{7}{16}''$, $\frac{1}{2}'' \times \frac{9}{16}''$... 2/3 each (C)

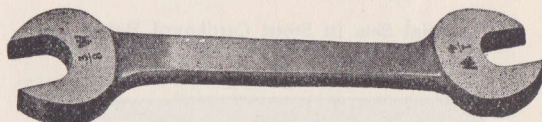
No. 5 for Tappets, Chrome Vanadium, Black finish, polished heads, 15° angle, comprising $\frac{7}{16}'' \times \frac{1}{2}''$, $\frac{1}{2}'' \times \frac{9}{16}''$, $\frac{5}{8}'' \times \frac{11}{16}''$, $\frac{3}{4}'' \times \frac{7}{8}''$... 5/2 ” (C)



No. C.11 in Clip for Whitworth, contents as No. 1 set 3/6 each (C)

BRITISH MADE

“APEX” SPANNERS



No. 15	Jaws milled and hardened	}	STEEL ...	{	“APEX” Brand
No. 10	Ditto, Heads polished on Flats				
No. 20	Ditto, Gunmetal Handles				
No. 30	Jaws milled and hardened	}	CHROME	{	“LION” Brand
No. 40	Ditto, chromium plated finish				

SINGLE ENDED, HEADS INCLINED 30°

	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	Whit.
No. 15 ...	3/9	3/9	3/9	4/3	5/6	6/9	7/3	dozen (C)
No. 10 ...	4/9	4/9	4/9	5/6	6/-	7/3	8/6	" (C)

DOUBLE ENDED, Nos. 15 and 10 inclined 30°. Nos. 30 and 40 inclined 15°

	$\frac{1}{8} \times \frac{3}{16}$ "	$\frac{3}{16} \times \frac{1}{4}$ "	$\frac{1}{4} \times \frac{5}{16}$ "	$\frac{1}{4} \times \frac{3}{8}$ "	Whit.
No. 15 ...	4/3	4/9	5/6	6/-	dozen (C)
No. 10 ...	5/6	6/-	6/9	7/9	" (C)
No. 20 ...	8/6	10/3	11/-	14/6	" (C)
No. 30 ...	10/3	12/3	16/3	20/6	" (C)
No. 40 ...	14/6	16/9	21/9	28/9	" (C)
	$\frac{5}{16} \times \frac{3}{8}$ "	$\frac{5}{16} \times \frac{7}{16}$ "	$\frac{3}{8} \times \frac{7}{16}$ "	$\frac{3}{8} \times \frac{1}{2}$ "	Whit.
No. 15 ...	7/3	8/6	9/-	9/6	dozen (C)
No. 10 ...	9/-	9/6	10/3	11/6	" (C)
No. 20 ...	14/6	14/6	16/3	19/6	" (C)
No. 30 ...	20/6	27/9	27/9	27/9	" (C)
No. 40 ...	28/9	38/6	38/6	38/6	" (C)

SMART

“Z” SET

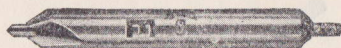


Contains 1 each $\frac{1}{8} \times \frac{3}{16}$ ", $\frac{3}{8} \times \frac{7}{16}$ ", $\frac{1}{4} \times \frac{5}{16}$ ", $\frac{5}{16} \times \frac{3}{8}$ ", $\frac{7}{16} \times \frac{1}{2}$ ", $\frac{1}{2} \times \frac{9}{16}$ "
6/9 Set (C)

BRITISH MADE

CARBON STEEL CENTRE DRILLS

60° Angle of Countersink

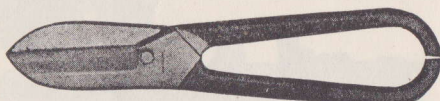


	A	B	C	D	E	*F	F	G	H	
Drills	$\frac{8}{8}$ " $\frac{3}{32}$ "	$\frac{8}{6}$ " $\frac{1}{8}$ "	$\frac{8}{6}$ " $\frac{3}{32}$ "	$\frac{7}{9}$ " $\frac{5}{64}$ "	$\frac{7}{9}$ " $\frac{1}{16}$ "	$\frac{6}{6}$ " $\frac{5}{32}$ "	$\frac{14}{3}$ " $\frac{5}{32}$ "	$\frac{14}{3}$ " $\frac{3}{16}$ "	$\frac{7}{9}$ " $\frac{3}{64}$ "	dozen nett

*A non-guaranteed quality—special line in F only
FL8=Set in a Turned Wood Stand—7/6 nett

ALL STEEL TINMEN'S SNIPS

No. 151



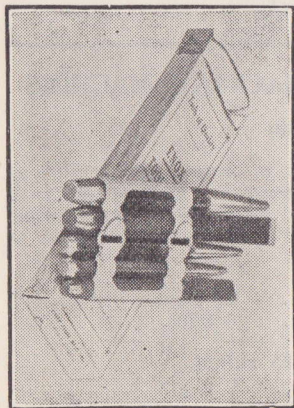
Extra
Quality

6" 7" 8" 9" 10" 12"

No. 151	21/-	23/-	26/6	31/6	36/9	48/6	dozen nett
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"ENOX" CHISEL AND PUNCH SETS

In Metal Clip, Cellulosed Green



No. CP1 1 each, $6'' \times \frac{1}{2}''$, $5'' \times \frac{3}{8}''$
Flat Chisels, $6'' \times \frac{1}{2}'' \times \frac{3}{16}''$ Point,
 $5'' \times \frac{3}{8}'' \times \frac{1}{8}''$ Point Oct. Brad Punches
 $4\frac{3}{4}'' \times \frac{3}{8}''$ Oct. Centre Punch.

2/6 each nett

No. CC2 1 each, $6'' \times \frac{1}{2}''$, $5'' \times \frac{3}{8}''$
Flat, $5'' \times \frac{3}{8}''$ diamond, $6'' \times \frac{1}{2}'' \times$ Cut,
 $5'' \times \frac{3}{8}''$ Hf. Rd. Cold Chisels.

3/- each nett

No. BP3 1 each, $4\frac{1}{2}'' \times \frac{3}{8}'' \times \frac{3}{32}''$
 $5'' \times \frac{3}{8}'' \times \frac{1}{8}''$, $5\frac{1}{2}'' \times \frac{3}{8}'' \times \frac{5}{32}''$, $6'' \times \frac{1}{2}'' \times$
 $\frac{3}{16}''$, $6\frac{1}{2}'' \times \frac{1}{2}'' \times \frac{7}{32}''$ Oct. Brad
Punches.

2/3 each nett

No. CP4 1 each, $4\frac{1}{2}'' \times \frac{3}{8}''$, $5'' \times \frac{3}{8}''$,
 $5\frac{1}{2}'' \times \frac{3}{8}''$, $6'' \times \frac{1}{2}''$, $6\frac{1}{2}'' \times \frac{1}{2}''$ Oct. Centre
Punches

2/3 each nett

No. CB5 1 each, $4\frac{1}{2}'' \times \frac{3}{8}'' \times \frac{3}{32}''$,
 $5\frac{1}{2}'' \times \frac{3}{8}'' \times \frac{5}{32}''$, $6\frac{1}{2}'' \times \frac{1}{2}'' \times \frac{7}{32}''$ Oct.
Brad Punches, $5'' \times \frac{3}{8}''$, $6'' \times \frac{1}{2}''$ Oct.
Centre Punches.

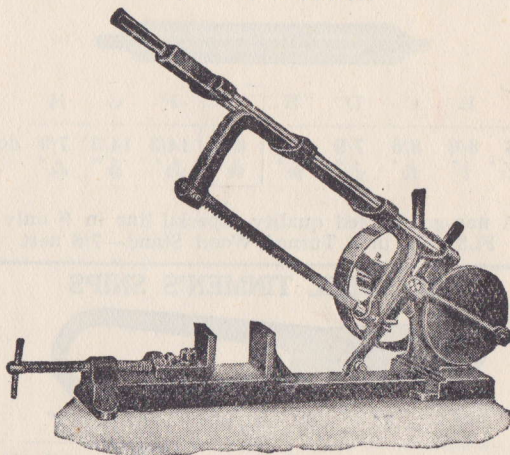
2/3 each nett

To remove tools it is NOT necessary to open clip as they slide in and out quite easily.

BRITISH MADE

"ENOX" HACKSAW MACHINE

No. 1 FOR BENCH



This tool takes blades 10"-12", cuts up to 5" square, speed 60 r.p.m.
Size of Pulley, 9" \times 1 $\frac{7}{8}$ " face : Length overall, 34" : Size of Bed, 26" \times 6" : Bolt Holes, 20 $\frac{3}{8}$ " \times 3 $\frac{7}{8}$ " \times $\frac{7}{16}$ " bolt diameter : Weight 56 lbs.

Price £4 : 19 : 9 (A)

"SWIFTCUT" HIGH SPEED HACKSAW MACHINE

(Prov. Pat. 20869)

A low priced High Speed Machine capable of outputs of machines at 3 or 4 times the price. It is rigid and accurate. Cuts on the push stroke, and the arm is automatically raised by means of an adjustable oilpot. Vice swivels between 45° and 90°. Automatic knockout at finish of cut.

Cutting Times	2" dia. M. Steel	...	2 $\frac{1}{4}$ mins.
	5" \times 4 $\frac{1}{2}$ " Girder	...	6 mins.

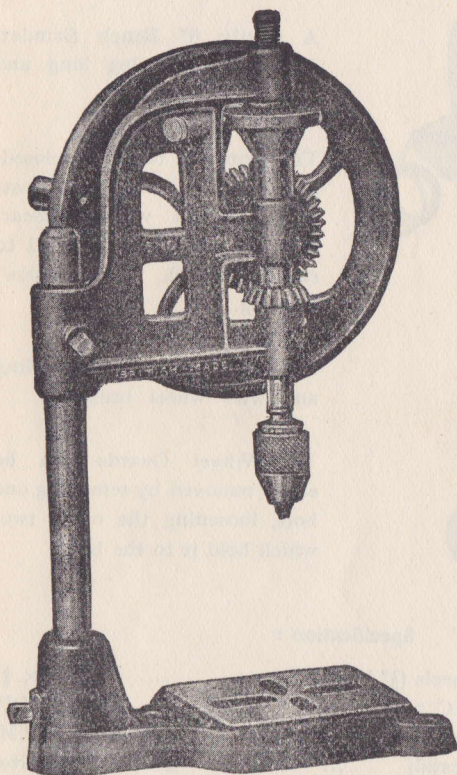
Blade Length 12" or 14". Speed 135 R.P.M.
Capacity up to 6" \times 6"

PRICES

With Swivelling Jaws	...	£22 18 6 (A)
With Fixed Back Jaws	...	£21 6 6 (A)
Work rest	...	£1 17 0 (A)

BRITISH MADE

"ENOX" BENCH DRILL No. 9



Specification :

Height o/all 25"

From table
to chuck ... 9½"

Drills in
centre of ... 11"

Table
approx. 5¾" sq.

Dia. of
flywheel 10¼"

Weight
complete 33 lbs.

A strongly built machine to give long reliable service.

Chuck has a ½" capacity, Spindle, three bearings and holes for lubrication.

Price

36/6 (A)

GOODELL PATTERN DRILL CHUCKS, 3 Jaw

Complete with Shank

	$\frac{3}{8}$ "	$\frac{1}{2}$ "
½" Parl. Shank ...	3/-	3/9 each nett
M.T. Shank ...	3/3	4/- " "

The ½" size is a heavier and stronger chuck

"ENOX," ELECTRIC GRINDER No. 8

A sturdy 6" Bench Grinder, designed for giving long and reliable service.

The motor is totally enclosed, rendering it absolutely dust-proof. Fitted with Ballbearings, and carefully balanced to ensure smooth, vibrationless running.

Can also be used for buffing and wire wheel brushing.

The Wheel Guards can be easily removed by removing one bolt, loosening the other two, which hold it to the bed.

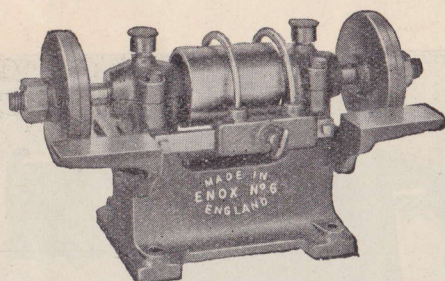
Specification :

Dia. and thickness of wheels ($\frac{1}{2}$ " bore)	...	...	6" \times $\frac{5}{8}$ "
Motor—single phase—A.C. only	...	...	$\frac{1}{4}$ H.P.
Speed, full load	...	...	2,800 R.P.M.
Nett weight (with Pedestal)	...	...	158 lbs.
" " (grinder only)	...	...	52 lbs.
Overall spindle length	...	...	13"
Height of machine	...	...	9 $\frac{1}{4}$ "
" " " (on stand)	...	...	43"
Standard equipment—Two adjustable Wheel Guards, two Tool Rests, Toggle Switch in base, two Grinding Wheels 6" \times $\frac{5}{8}$ ", one medium, one fine.			

Price :	(Bench Machine)	£ 9 5 0 (B)
	(complete with Pedestal)	£12 9 0 (B) ‡

"ENOX" TOOL GRINDERS

Spindle
dia. $\frac{7}{8}$ "

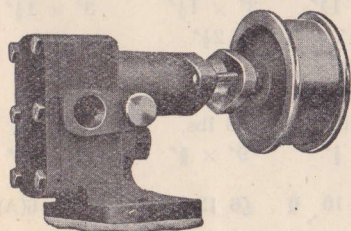


Takes
wheels up
to 10" x 1"

No. 6 Fast and Loose Pulleys, Split Bearings. Bearings adjustable by means of Split Lug. The Rests can be adjusted to wheels of varying diameters. Weight 29 lbs. 39/- each (A)

No. 7 Similar in design, but fitted with Hoffman Double Row Self-Aligning Ball Journal Bearings. Weight 29 lbs. 66/- each (A)

"ENOX" ROTARY GEAR SUDS AND WATER PUMP



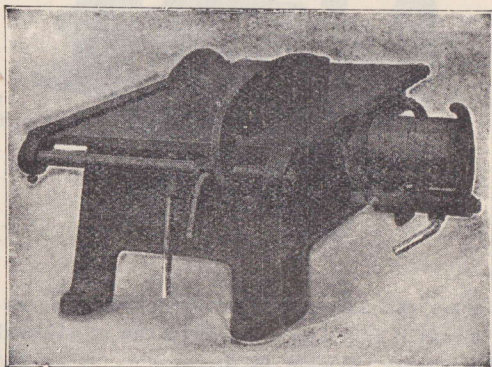
Body is of high grade cast iron with gunmetal gland and an extra gunmetal bush to provide long bearing for main shaft.

Gears are machine cut and of gunmetal.

Suction and Discharge	...	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ "	
		34/3	39/3	48/3	80/6	each (A)

Other Sizes available in proportion

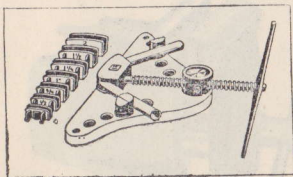
"ENOX" BALL BEARING SAW BENCH



Suitable for cutting Wood, Brass, Copper, Lead, etc. Substantially built, rigid in construction, fitted with Ballbearings, thus ensuring freedom from vibration. Supplied with plain and mitre fences.

	No. 1	No. 2	No. 3
Size of Table ...	8" × 9½"	12½" × 18"	15" × 28½"
Spindle Dia. ...	⅝"	¾"	¾"
Dia. of Pulleys ...	2" × 1⅜"	3" × 1½"	3" × 1½"
Max. depth of cut ...	1⅛"	2½"	3½"
Max. Speed for soft wood ...	6,000	4,500	3,000
Approx. H.P. required ...	½ H.P.	1 H.P.	2 H.P.
Approx. nett weight ...	33 lbs.	66 lbs.	120 lbs.
Diameter of Saw and bore	6" × ½"	9" × ⅝"	12" × ⅝"
Price each with Saw for			
Wood ...	£2 10 0	£6 13 6	£8 19 6(A)
Spare Saws for Wood each	7 0	11 0	15 6(A)
" " Soft metals "	8 6	14 0	19 9(A)
" " Iron and Steel "	10 0	15 6	22 3(A)

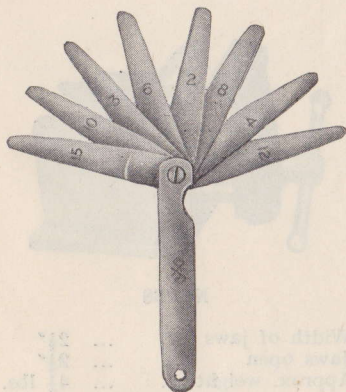
— Rise and Fall Table on each Size —

"APEX" FLEX BENDING MACHINE

This machine has an all-steel base.
Cast Iron Formers.
Will bend pipes of every description.
Galvanised Pipes can be bent without damage to the galvanising.
Easily transported.

	Size of Bedplate	Pipe Dia.	Weight	Price
No. 1	20" × 9½"	½" — 1"	45 lbs.	£5 10 0 (A)
No. 2	24" × 11½"	½" — 1¼"	66 lbs.	£6 16 6 (A)
No. 3	32" × 13½"	½" — 2"	120 lbs.	*

*Swedish at present £20 (A)

FEELER GAUGES**PARALLEL****3" Blade Length**

No. 120 8 Blades, 2-15 thou.
16/- dozen nett

No. 160 10 Blades, 1½-25 thou.
22/9 dozen nett

TAPER**2½" Blade Length**

No. 440 9 Blades 1½-15 thou.
16/- dozen nett

3" Blade Length

No. 200 6 Blades, 4-15 thou.
16/- dozen nett

No. 220 8 Blades, 2-15 thou.
18/- dozen nett

No. 240 9 Blades 1½-15 thou.
20/6 dozen nett

No. 260 10 Blades, 1½-25 thou.
24/9 dozen nett

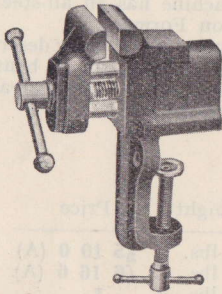
4" Blade Length

No. 560 10 Blades, 1½-25 thou.
28/6 dozen nett

MOTOR SET M 58 comprising the following

No. 12 Magneto Points. No. 15 Coil. No. 25 Plug Points. No. 4 Side Valve Inlet. No. 6 Side Valve Exhaust. No. 2½ Overhead Valve Inlet and Exhaust.
17/3 doz. nett

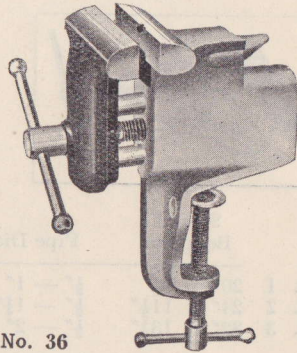
“REDEDA” IMPROVED TABLE VICES



No. 35

Width of jaws	...	$1\frac{1}{2}$ "
Jaws open	...	2"
Approx. weight	...	$2\frac{1}{4}$ lbs.

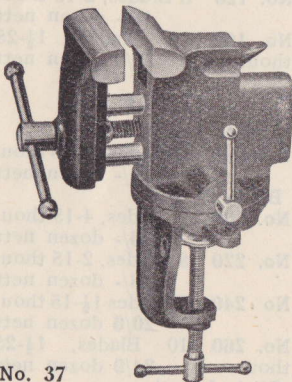
3/9 each (A)



No. 36

Width of jaws	...	$2\frac{1}{2}$ "
Jaws open	...	$2\frac{1}{4}$ "
Approx. weight	...	$3\frac{3}{4}$ lbs.

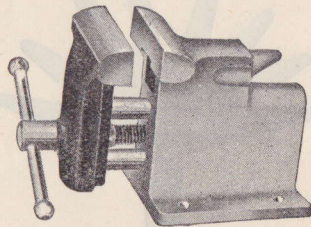
5/6 each (A)



No. 37

Width of jaws	...	$2\frac{1}{2}$ "
Jaws open	...	$2\frac{1}{4}$ "
Approx. weight	...	$4\frac{3}{4}$ lbs.

7/3 each (A)

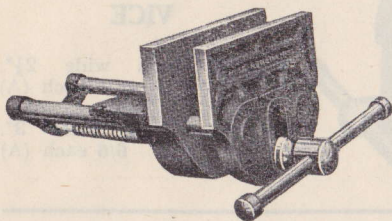


No. 38

Width of jaws	...	$2\frac{1}{2}$ "
Jaws open	...	$2\frac{1}{4}$ "
Approx. weight	...	$4\frac{1}{4}$ lbs.

5/- each (A)

"REDEDA" CARPENTERS' VICES

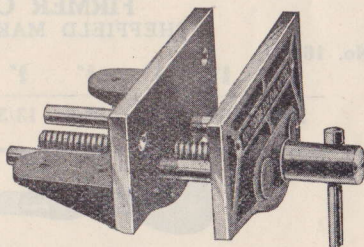


No. 32 Patent Quick adjusting (Instantaneous type).
Jaws 6" wide, open 6".
Weight 10 lbs.

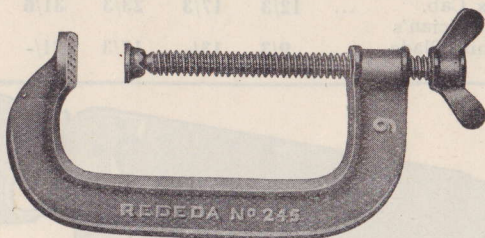
12/- each (A)

No. 30 Screw all the way type. Jaws 6" wide, 2" deep, open 4". Weight 5½ lbs.

6/- each (A)



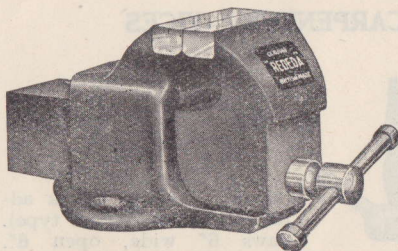
"REDEDA" No. 245 RIBBED G. CRAMPS



With Swivel Shoe

Malleable Iron Frame, Steel Screws, Cellulose enamel red. Sizes 2"-9" inclusive, fitted with thumb screw. 10"-12" fitted with vice handles.

To take in	2"	3"	4"	5"	6"	7"	8"	9"	10"	12"
	1/9	2/1	2/10	3/6	4/4	5/-	5/9	6/6	7/3	9/9 each (A)



**"REDEDA"
ALL-STEEL
VICE**

No. 251 Jaws wide $2\frac{1}{8}$ "
4/3 each (A)

No. 251a Jaws wide 3"
6/6 each (A)

**FIRMER CHISELS
SHEFFIELD MAKE—HANDLED**

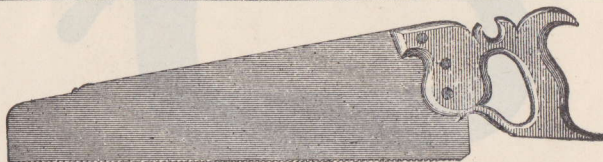
No. 167	$\frac{1}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	1"	$1\frac{1}{4}$ "	$1\frac{1}{2}$ "	
	10/-	10/9	11/9	12/6	13/3	16/3	20/3	24/6	dozen nett



TURNSCREWS

With Strong FORGED Blades

		4"	6"	8"	10"		
No. 1	Oval Beach Cab.	10/-	14/3	19/3	26/6	dozen	nett
No. 2	Box Cab. ...	12/3	17/3	23/3	31/6	"	"
No. 7	Electrician's Thin Blade ...	9/3	13/-	17/3	21/-	"	"



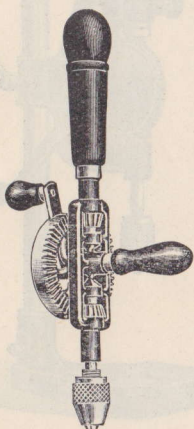
HAND SAWS

ROYAL ARMS BRAND—SHEFFIELD MAKE

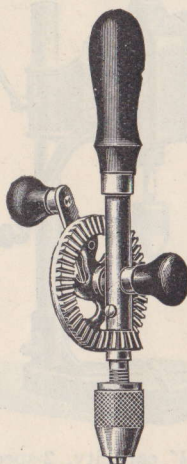
A good Carpenter's Saw, Handles Screwed

			20"	24"	26"	28"		
Straightback	No. 331	...	31/9	36/3	37/9	43/3	dozen	nett
Skewback	No. 332	...	33/6	38/3	40/9	—	"	"

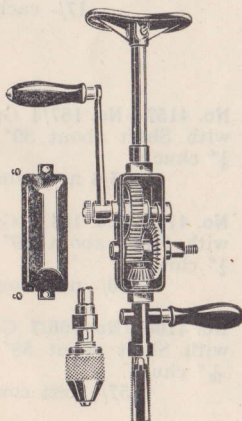
HAND AND BREAST DRILLS



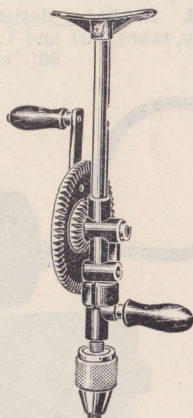
No. 29 $\frac{5}{16}$ " capacity single speed
cut gears and two pinions
5/6 each nett



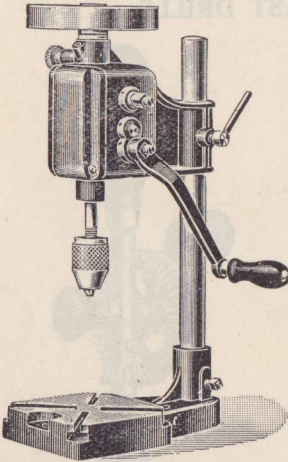
No. 1210 $\frac{1}{4}$ " capacity.
3/4 each nett



No. 21 $\frac{3}{16}$ " capacity, for M.T.S.
No. 1 Drills. Enclosed gears. $\frac{1}{2}$ "
chuck. 14/9 each nett



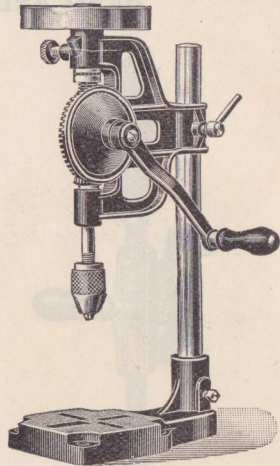
No. 185K $\frac{1}{2}$ " capacity
2-speed 7/9 each nett



No. 450 $\frac{1}{2}$ " capacity, 2-speed, two Ballbearings, Auto feed and return to spindle. 30/9 each nett

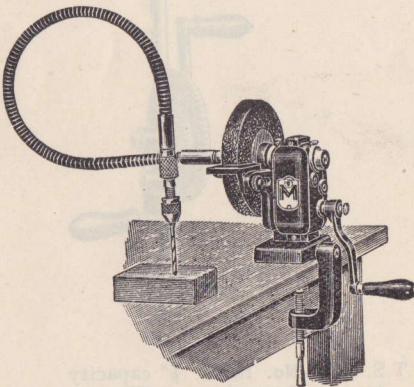
No. 455 heavier tool. 45/6 each nett

No. 460. Similar design. $\frac{5}{8}$ " capacity, takes Parl. and T.S. Drills. 56/- each nett



No. 445 $\frac{1}{2}$ " capacity. Ball bearing. Auto feed and return to Spindle. 24/6 each nett

No. 442 lighter model for $\frac{3}{8}$ ". 17/- each nett



No. 4157=No. 157/4 Grinder with Shaft about 39" long, $\frac{1}{4}$ " chuck. 25/6 nett complete

No. 4161=No. 161/6 Grinder with Shaft about 39" long, $\frac{1}{4}$ " chuck. 30/- nett complete

No. 4166=No. 166/7 Grinder with Shaft about 58" long, $\frac{5}{16}$ " chuck. 57/- nett complete

Other sizes and length can be supplied to order.

For Hand Grinders, see inside back cover

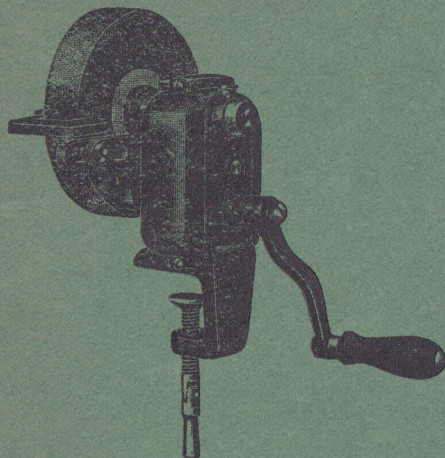
LAWSON MECHANICALLY CORRECT PIPE WRENCH (U.S.A.)

Due to the special design of this tool it gets action where others fail. The angle handle gives one eighth turn of a pipe lying parallel with a floor, wall or ceiling, where the ordinary straight handle wrench gives none.



6"	8"	10"	14"	18"	24"	
4/6	5/6	7/-	9/6	13/6	21/-	each nett

BENCH GRINDERS (Imported)



No. 160/6 with a gear ratio 1:12, cut gears, Silicon wheel 6" x 1". Weight 7 lbs.
12/3 each nett

No. 161/6T Ditto but with base to be bolted to bench or held by separate clamp, included. Weight 7½ lbs. 13/6 each nett

No. 157/4 Light model with a gear ratio 1:19. Cut gears. Silicon wheel 4" x ½". Weight 3½ lbs.
9/3 each nett

No. 158/4 Ditto, but with base to be bolted to bench, or held by separate clamp, included, weight 4 lbs.
9/9 each nett

No. 166/7 similar type to No. 161, gear ratio 1:20. Vitrified wheel 7" x 1". Weight 14 lbs. Ball-bearing. 30/9 each nett.

